# Prescott L Deininger

List of Publications by Year
in descending order



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|---|---|---|---|
| 165 papers | 18,129 citations | 23879 60 h-index | 16186 128 g-index |
| 177 all docs | 177 docs citations | 177 times ranked | 12315 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Analysis of epigenetic features characteristic of L1 loci expressed in human cells. Nucleic Acids Research, 2022, 50, 1888-1907. | 6.5 | 9 |
| 2 | Altered DNA repair creates novel Alu/Alu repeatâ€mediated deletions. Human Mutation, 2021, 42, 600-613. | 1.1 | 9 |
| 3 | Organ-, sex-Âand age-dependent patterns of endogenous L1 mRNA expression at a single locus resolution. Nucleic Acids Research, 2021, 49, 5813-5831. | 6.5 | 12 |
| 4 | Comparative analysis on the expression of L1 loci using various RNA-Seq preparations. Mobile DNA, 2020, 11, 2. | 1.3 | 12 |
| 5 | RNA Next-Generation Sequencing and a Bioinformatics Pipeline to Identify Expressed LINE-1s at the Locus-Specific Level. Journal of Visualized Experiments, 2019, , . | 0.2 | 9 |
| 6 | The Paracaspase MALT1 Acts Independently of Pre-B-Cell Receptor Signaling As a Key Factor in Leukemic Cell Survival in Precursor B-Cell Acute Lymphoblastic Leukemia. Blood, 2019, 134, 1288-1288. | 0.6 | 0 |
| 7 | 2057 L1 expression analysis in adipose-derived stem cells. Journal of Clinical and Translational Science, 2018, 2, 16-16. | 0.3 | 0 |
| 8 | Long-Distance Relationships: Suppression of Repeat-Mediated Deletions. Trends in Genetics, 2018, 34, 572-574. | 2.9 | 5 |
| 9 | The Nucleotide Excision Repair Pathway Limits L1 Retrotransposition. Genetics, 2017, 205, 139-153. | 1.2 | 31 |
| 10 | Alu-Alu Recombinations in Genetic Diseases. , 2017, , 239-257. | | 0 |
| 11 | A comprehensive approach to expression of L1 loci. Nucleic Acids Research, 2017, 45, e31-e31. | 6.5 | 86 |
| 12 | Transcription coupled repair and biased insertion of human retrotransposon L1 in transcribed genes. Mobile DNA, 2017, 8, 18. | 1.3 | 3 |
| 13 | Detection of LINE-1 RNAs by Northern Blot. Methods in Molecular Biology, 2016, 1400, 223-236. | 0.4 | 11 |
| 14 | Heavy Metal Exposure Influences Double Strand Break DNA Repair Outcomes. PLoS ONE, 2016, 11, e0151367. | 1.1 | 107 |
| 15 | Alu elements and DNA double-strand break repair. Mobile Genetic Elements, 2015, 5, 81-85. | 1.8 | 18 |
| 16 | The Contribution of Alu Elements to Mutagenic DNA Double-Strand Break Repair. PLoS Genetics, 2015, 11, e1005016. | 1.5 | 71 |
| 17 | Sequencing, identification and mapping of primed L1 elements (SIMPLE) reveals significant variation in full length L1 elements between individuals. BMC Genomics, 2015, 16, 220. | 1.2 | 33 |
| 18 | Jerzy Jurka â€“ 1950â€“2014. Mobile DNA, 2015, 6, 1. | 1.3 | 42 |

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| 19 | Insertion of Retrotransposons at Chromosome Ends: Adaptive Response to Chromosome Maintenance. Frontiers in Genetics, 2015, 6, 358. | 1.1 | 24 |
| 20 | The aging clock and circadian control of metabolism and genome stability. Frontiers in Genetics, 2014, 5, 455. | 1.1 | 38 |
| 21 | LINE-1 and Alu retrotransposition exhibit clonal variation. Mobile DNA, 2013, 4, 16. | 1.3 | 8 |
| 22 | Alu elements: an intrinsic source of human genome instability. Current Opinion in Virology, 2013, 3, 639-645. | 2.6 | 95 |
| 23 | Inferring the expression variability of human transposable element-derived exons by linear model analysis of deep RNA sequencing data. BMC Genomics, 2013, 14, 584. | 1.2 | 6 |
| 24 | HPV 5 and 8 E6 expression reduces ATM protein levels and attenuates LINE-1 retrotransposition. Virology, 2013, 443, 69-79. | 1.1 | 35 |
| 25 | miRNA-Mediated Relationships between Cis-SNP Genotypes and Transcript Intensities in Lymphocyte Cell Lines. PLoS ONE, 2012, 7, e31429. | 1.1 | 15 |
| 26 | Near-IR single fluorophore quenching system based on phthalocyanine (Pc) aggregation and its application for monitoring inhibitor/activator action on a therapeutic target: L1-EN. Analyst, The, 2011, 136, 1103. | 1.7 | 18 |
| 27 | Alu elements: know the SINEs. Genome Biology, 2011, 12, 236. | 13.9 | 465 |
| 28 | Alu distribution and mutation types of cancer genes. BMC Genomics, 2011, 12, 157. | 1.2 | 39 |
| 29 | All yâ€™all need to know â€˜bout retroelements in cancer. Seminars in Cancer Biology, 2010, 20, 200-210. | 4.3 | 166 |
| 30 | Meeting Report for Mobile DNA 2010. Mobile DNA, 2010, 1, 20. | 1.3 | 0 |
| 31 | Feedback inhibition of L1 and alu retrotransposition through altered double strand break repair kinetics. Mobile DNA, 2010, 1, 22. | 1.3 | 14 |
| 32 | Somatic expression of LINE-1 elements in human tissues. Nucleic Acids Research, 2010, 38, 3909-3922. | 6.5 | 206 |
| 33 | Cross-Talk-Free Dual-Color Fluorescence Cross-Correlation Spectroscopy for the Study of Enzyme Activity. Analytical Chemistry, 2010, 82, 1401-1410. | 3.2 | 16 |
| 34 | Diverse cis factors controlling Alu retrotransposition: What causes Alu elements to die?. Genome Research, 2009, 19, 545-555. | 2.4 | 70 |
| 35 | Rare mutations ofFGFR2causing apert syndrome: identification of the first partial gene deletion, and anAluelement insertion from a new subfamily. Human Mutation, 2009, 30, 204-211. | 1.1 | 55 |
| 36 | LINE dancing in the human genome: transposable elements and disease. Genome Medicine, 2009, 1, 97. | 3.6 | 118 |

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| 37 | Breaking the computational barrier: a divide-conquer and aggregate based approach for Alu insertion site characterisation. International Journal of Computational Biology and Drug Design, 2009, 2, 302. | 0.3 | 6 |
| 38 | ERCC1/XPF limits L1 retrotransposition. DNA Repair, 2008, 7, 983-989. | 1.3 | 90 |
| 39 | The impact of multiple splice sites in human L1 elements. Gene, 2008, 411, 38-45. | 1.0 | 82 |
| 40 | LINE-1 ORF1 protein enhances Alu SINE retrotransposition. Gene, 2008, 419, 1-6. | 1.0 | 84 |
| 41 | L1 mobile element expression causes multiple types of toxicity. Gene, 2008, 419, 75-81. | 1.0 | 128 |
| 42 | Mammalian non-LTR retrotransposons: For better or worse, in sickness and in health. Genome Research, 2008, 18, 343-358. | 2.4 | 285 |
| 43 | Requirements for polyadenylation at the 3â€² end of LINE-1 elements. Gene, 2007, 390, 98-107. | 1.0 | 29 |
| 44 | Characterization of pre-insertion loci of de novo L1 insertions. Gene, 2007, 390, 190-198. | 1.0 | 28 |
| 45 | Abasic sites and survival in resected patients with non-small cell lung cancer. Cancer Letters, 2007, 246, 47-53. | 3.2 | 7 |
| 46 | 8-Hydroxy-2â€²-deoxyguanosine (8-OH-dG) as a potential survival biomarker in patients with nonsmall-cell lung cancer. Cancer, 2007, 109, 574-580. | 2.0 | 80 |
| 47 | Ush1c216A knock-in mouse survives Katrina. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 616, 139-144. | 0.4 | 31 |
| 48 | Inviting instability: Transposable elements, double-strand breaks, and the maintenance of genome integrity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 616, 46-59. | 0.4 | 270 |
| 49 | Emergence of primate genes by retrotransposon-mediated sequence transduction. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17608-17613. | 3.3 | 141 |
| 50 | Aluinsertion polymorphisms in Native Americans and related Asian populations. Annals of Human Biology, 2006, 33, 142-160. | 0.4 | 31 |
| 51 | Applications of computational algorithm tools to identify functional SNPs in cytokine genes. Cytokine, 2006, 35, 62-66. | 1.4 | 29 |
| 52 | The Human LINE-1 Retrotransposon Creates DNA Double-strand Breaks. Journal of Molecular Biology, 2006, 357, 1383-1393. | 2.0 | 431 |
| 53 | LINE-1 RNA splicing and influences on mammalian gene expression. Nucleic Acids Research, 2006, 34, 1512-1521. | 6.5 | 180 |
| 54 | Alu-linked hairpins efficiently mediate RNA interference with less toxicity than do H1-expressed short hairpin RNAs. Analytical Biochemistry, 2006, 349, 41-48. | 1.1 | 11 |

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| 55 | Alu Elements. , 2006, , 21-34. | | 3 |
| 56 | The USH1C 216G?A splice-site mutation results in a 35-base-pair deletion. Human Genetics, 2005, 116, 225-227. | 1.8 | 30 |
| 57 | Worldwide Genetic Variation at the 3â€²-UTR Region of theLDLRGene: Possible Influence of Natural Selection. Annals of Human Genetics, 2005, 69, 389-400. | 0.3 | 17 |
| 58 | Heavy Metals Stimulate Human LINE-1 Retrotransposition. International Journal of Environmental Research and Public Health, 2005, 2, 14-23. | 1.2 | 53 |
| 59 | Nickel Stimulates L1 Retrotransposition by a Post-transcriptional Mechanism. Journal of Molecular Biology, 2005, 354, 246-257. | 2.0 | 59 |
| 60 | Human retroelements may introduce intragenic polyadenylation signals. Cytogenetic and Genome Research, 2005, 110, 365-371. | 0.6 | 75 |
| 61 | Tandem insertions of Alu elements. Cytogenetic and Genome Research, 2005, 108, 58-62. | 0.6 | 16 |
| 62 | Predicting Mammalian SINE Subfamily Activity from A-tail Length. Molecular Biology and Evolution, 2004, 21, 2140-2148. | 3.5 | 14 |
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| 65 | Potential for Retroposition by Old Alu Subfamilies. Journal of Molecular Evolution, 2003, 56, 658-664. | 0.8 | 22 |
| 66 | RNA truncation by premature polyadenylation attenuates human mobile element activity. Nature Genetics, 2003, 35, 363-366. | 9.4 | 241 |
| 67 | Mobile elements and mammalian genome evolution. Current Opinion in Genetics and Development, 2003, 13, 651-658. | 1.5 | 422 |
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| 69 | Non-traditional Alu evolution and primate genomic diversity. Journal of Molecular Biology, 2002, 316, 1033-1040. | 2.0 | 87 |
| 70 | Mammalian Retroelements. Genome Research, 2002, 12, 1455-1465. | 2.4 | 309 |
| 71 | Shared Protein Components of SINE RNPs. Journal of Molecular Biology, 2002, 321, 423-432. | 2.0 | 61 |
| 72 | The USH1C 216Gâ†'A mutation and the 9-repeat VNTR(t,t) allele are in complete linkage disequilibrium in the Acadian population. Human Genetics, 2002, 110, 95-97. | 1.8 | 17 |

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| 74 | Alu repeats and human genomic diversity. Nature Reviews Genetics, 2002, 3, 370-379. | 7.7 | 1,245 |
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| 76 | Phylogenetic Analysis of the Friedreich Ataxia GAA Trinucleotide Repeat. Journal of Molecular Evolution, 2001, 52, 232-238. | 0.8 | 24 |
| 77 | Alu Insertion Polymorphisms for the Study of Human Genomic Diversity. Genetics, 2001, 159, 279-290. | 1.2 | 127 |
| 78 | AluY insertion (IVS4-52ins316alu) in the glycerol kinase gene from an individual with benign glycerol kinase deficiency. Human Mutation, 2000, 15, 316-323. | 1.1 | 42 |
| 79 | Functional Expression of Three P2X2 Receptor Splice Variants From Guinea Pig Cochlea. Journal of Neurophysiology, 2000, 83, 1502-1509. | 0.9 | 32 |
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| 81 | Upstream flanking sequences and transcription of SINEs 1 1Edited by M. Gottesman. Journal of Molecular Biology, 2000, 302, 17-25. | 2.0 | 74 |
| 82 | Recently integrated human Alu repeats: finding needles in the haystack. , 2000, , 149-161. | | 0 |
| 83 | Interspersed Repeat Insertion Polymorphisms for Studies of Human Molecular Anthropology. , 1999, , 201-212. | | 1 |
| 84 | Recently integrated human Alu repeats: finding needles in the haystack. Genetica, 1999, 107, 149-161. | 0.5 | 82 |
| 85 | Alu Repeats and Human Disease. Molecular Genetics and Metabolism, 1999, 67, 183-193. | 0.5 | 825 |
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| 87 | Novel variant of the P2X2 ATP receptor from the guinea pig organ of Corti. Hearing Research, 1998, 121, 62-70. | 0.9 | 58 |
| 88 | Temporal changes in gene expression following cryogenic rat brain injury. Molecular Brain Research, 1998, 55, 9-19. | 2.5 | 36 |
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| 92 | Recent B2 Element Insertions in the Mouse Genome. DNA Sequence, 1998, 8, 343-348. | 0.7 | 9 |
| 93 | BC1 RNA, the Transcript from A Master Gene for ID Element Amplification, Is Able to Prime Its Own Reverse Transcription. Nucleic Acids Research, 1997, 25, 1641-1648. | 6.5 | 30 |
| 94 | AluInsertion Polymorphisms and Human Evolution: Evidence for a Larger Population Size inâ€‰Africa. Genome Research, 1997, 7, 1061-1071. | 2.4 | 311 |
| 95 | Evolution of B2 repeats: the muroid explosion. Genetica, 1997, 99, 1-13. | 0.5 | 2 |
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| 98 | Evolution of B2 repeats: the muroid explosion. Genetica, 1997, 99, 1-13. | 0.5 | 31 |
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| 101 | The Mobile Genetic Element "Alu" in the Human Genome. BioScience, 1996, 46, 32-41. | 2.2 | 22 |
| 102 | Recent Amplification of Rat ID Sequences. Journal of Molecular Biology, 1996, 261, 322-327. | 2.0 | 39 |
| 103 | DNA sequences of Alu elements indicate a recent replacement of the human autosomal genetic complement.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4360-4364. | 3.3 | 27 |
| 104 | Evolution, Expression, and Possible Function of a Master Gene for Amplification of an Interspersed Repeated DNA Family in Rodents. Progress in Molecular Biology and Translational Science, 1996, 52, 67-88. | 1.9 | 32 |
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| 108 | The role and amplification of the HS Alu subfamily founder gene. Journal of Molecular Evolution, 1996, 42, 15-21. | 0.8 | 20 |

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| 111 | Analysis of CAG Repeat of the Machado-Joseph Gene in Human, Chimpanzee and Monkey Populations: A Variant Nucleotide is Associated with the Number of CAG Repeats. Human Molecular Genetics, 1996, 5, 207-213. | 1.4 | 42 |
| 112 | Polymorphic human specificAlu insertions as markers for human identification. Electrophoresis, 1995, 16, 1596-1601. | 1.3 | 44 |
| 113 | Identification and analysis of a â€˜youngâ€™ polymorphic Alu element. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1263, 99-102. | 2.4 | 42 |
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| 118 | Dispersion and Insertion Polymorphism in Two Small Subfamilies of Recently Amplified HumanAluRepeats. Journal of Molecular Biology, 1995, 247, 418-427. | 2.0 | 105 |
| 119 | Identification of a human specificAlu insertion in the factor XIIIB gene. Genetica, 1994, 94, 1-8. | 0.5 | 25 |
| 120 | A consensus Alu repeat probe for physical mapping. Genetic Analysis, Techniques and Applications, 1994, 11, 34-38. | 1.5 | 27 |
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| 123 | Protein binding sites within the human thymidine kinase promoter. Gene, 1992, 111, 249-254. | 1.0 | 13 |
| 124 | Regulation of rodent myelin proteolipid protein gene expression. Neuroscience Letters, 1992, 137, 56-60. | 1.0 | 21 |
| 125 | Characterization and Phylogenetic Significance of a Repetitive DNA Sequence from Whooping Cranes (Grus americana). Auk, 1992, 109, 73-79. | 0.7 | 9 |
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| 129 | Enhanced evolutionary PCR using oligonucleotides with inosine at the 3â€²-terminus. Nucleic Acids Research, 1991, 19, 5081-5081. | 6.5 | 33 |
| 130 | Evolution of the master Alu gene(s). Journal of Molecular Evolution, 1991, 33, 311-320. | 0.8 | 287 |
| 131 | Characterization of a third major SINE family of repetitive sequences in the galago genome. Nucleic Acids Research, 1991, 19, 1649-1656. | 6.5 | 47 |
| 132 | Amplification dynamics of human-specific (HS) alu family members. Nucleic Acids Research, 1991, 19, 3619-3623. | 6.5 | 120 |
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| 134 | Structure and variability of recently inserted Alu family members. Nucleic Acids Research, 1991, 19, 698-698. | 6.5 | 2 |
| 135 | Molecular cloning: A laboratory manual. Analytical Biochemistry, 1990, 186, 182-183. | 1.1 | 36 |
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| 137 | Structure and variability of recently inserted Alu family members. Nucleic Acids Research, 1990, 18, 6793-6798. | 6.5 | 193 |
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| 139 | [41] Full-Length cDNA clones: Vector-primed cDNA synthesis. Methods in Enzymology, 1987, 152, 371-389. | 0.4 | 14 |
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| 148 | A second major class of Alu family repeated DNA sequences in a primate genome. Nucleic Acids Research, 1983, 11, 7595-7610. | 6.5 | 76 |
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| 150 | Sequence analysis and in vitro transcription of portions of the epstein-barr virus genome. Journal of Cellular Biochemistry, 1982, 19, 267-274. | 1.2 | 7 |
| 151 | Renaturation rate studies of a single family of interspersed repeated sequences in human deoxyribonucleic acid. Biochemistry, 1981, 20, 3003-3010. | 1.2 | 110 |
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| 164 | An electron microscope study of the DNA sequence organization of the human genome. Journal of Molecular Biology, 1976, 106, 773-790. | 2.0 | 123 |
| 165 | Sequence organization of the human genome. Cell, 1975, 6, 345-358. | 13.5 | 285 |